Lock-N-Load®
Sonic Cleaner™ 2L

Instruction Manual

Hornady®

Accurate. Deadly. Dependable.

Thank you for purchasing the Hornady Lock-N-Load® Sonic Cleaner.™ Please read these instructions before using this machine. If you have any questions about this accessory, contact us at 1-800-338-3220.

The Hornady Lock-N-Load® Sonic Cleaner™ removes carbon residue from the inside and outside of cartridge cases with high frequency ultrasonic energy and a specialized cleaning solution. Unlike case tumblers, the Lock-N-Load® Sonic Cleaner™ effectively cleans the inner surfaces of cartridge cases as well as the primer pockets. The Lock-N-Load® Sonic Cleaner™ features a 2 liter stainless steel tank, removable basket, heating function, and a digital timer. The Lock-N-Load® Sonic Cleaner™ may also be used to clean other small parts.

The primary function of the Lock-N-Load® Sonic Cleaner™ is to chemically and mechanically clean a variety of items. It may or may not produce "shiny" brass. To create bright and polished brass we recommend using the Hornady Case Tumbler. Not all carbon buildup and tarnish may be removed from cases due to the corrosive nature of some primer residue and/or deep corrosion.

DE-GAS FUNCTION

The Hornady Lock-N-Load® Sonic Cleaner™ includes a de-gassing function to remove excess air bubbles from the solution, improving the effectiveness of the ultrasonic cleaning action. The de-gassing function cycles the unit on and off, causing air bubbles to release from the solution and float to the surface. To turn on the de-gas function, press the FUNCTION button repeatedly until the symbol above the De-gas label is illuminated. Then turn the unit on by pressing the ON/OFF button. After de-gassing for 90 seconds, the unit will return to regular ultrasonic cleaning until the timer expires.

HEATING FUNCTION

The Hornady Lock-N-Load® Sonic Cleaner™ includes a heating function to further enhance the ultrasonic cleaning action. The heating function may be used on must gun components, however caution should be used with any heat sensitive items.

Most brass cartridges do not need heat to efficiently clean. Using the heating function during prolonged cleaning cycles may actually cause tarnishing to appear.

To turn on the Heating function, press the HEAT button until the heater light turns on. The unit will then heat to approximately 135°F when the ultrasonic cleaner is turned on. The heater light will continue to flash until the solution reaches the target temperature of 135°F, at which time the light will turn off.

CLEANING INSTRUCTIONS – BRASS CASES

Before you start cleaning cases, make sure all spent primers have been removed with a full-length die, neck die or the Hornady Universal De-capping Die (050085). This will greatly enhance the cleaning of primer pockets.

Place cases in basket and lower into tank. Add enough water so the cases are completely submerged but do not exceed the MAX water line which appears on the side of the basket and tank. Mix solution according to instructions on bottle. Cases must NOT come into contact with the tank!

Plug in power cord and set the timer by pressing the ▲ button until the desired cycle time appears. Pressing the ▲ button multiple times will increase the timer in 5 minute intervals from 5 to 30 minutes. Pressing the ▼ button will decrease the timer by 1 minute.

The heating function does not need to be used on cartridge brass and may actually cause tarnishing to appear.

When using new solution, or there appears to be small air bubbles in the solution, it is recommended to run the de-gassing function prior to cleaning. This can be done after the parts are added and will remove many of the air bubbles in the solution, causing the Lock-N-Load® Sonic Cleaner™ to run more efficiently. See previous instructions in "DE-GAS FUNCTION."

Press the ON/OFF button to stop or pause a cycle. Pressing the ON/OFF button again will restart the current cycle.

Check cases periodically to determine appropriate cleaning time. Most cases will be clean after 10-20 minutes, however longer cycles may be needed for cases with heavy carbon buildup. If running longer than 30 minutes, allow unit to cool for approximately 5 minutes before continuing additional cleaning cycles.

Unplug power cord and drain cleaning solution into tank by lifting and tilting basket with the cleaned cases. Rinse cleaning solution from the cases. De-ionized water will minimize water spots on the cases while they're drying. When finished cleaning cases, unplug unit and pour used solution out over the back of the tank. This will minimize the possibility of water making contact with the internal components. Do not pour cleaning solution out over the front of the unit.

CLEANING INSTRUCTIONS – OTHER ITEMS

The previous steps can be used to clean other items such as small gun components, metallic shooting and reloading equipment as well as other waterproof household items. If you wish to clean sensitive or valuable items, use distilled water in the tank without any type of detergent or cleaning solution. Never use the heating function on sensitive items. Read and follow instructions on cleaning solution bottles. Do not use the Hornady One Shot® Sonic Clean™ Brass Solution to clean non-brass items, as it may harm some finishes. Thoroughly rinse the inside of the Hornady Lock-N-Load® Sonic Cleaner™ tank when switching cleaning solutions. Oversized items that do not fit in the tank can be cleaned by partially submerging one end and then rotating and repeating the cleaning cycles.

MAINTENANCE

If the unit will not be used for an extended period of time, unplug the power cord, empty the tank and rinse it with fresh water.

Use a damp towel to remove any chemical residue from the tank. Use a soft clean towel to dry the surface of the tank and store the unit in a cool/dry location. Renew cleaning solution often to maintain the efficiency and performance of the Lock-N-Load® Sonic Cleaner.™ Solutions, as with most chemicals, will become spent over time. Replenish solution when it becomes visibly dirty or if you notice a decrease in cleaning effectiveness.

WARRANTY

Hornady Manufacturing warrants to you that for one year from the date of purchase, your Lock-N-Load® Sonic Cleaner™ will be free from defects in material and workmanship. This warranty does not cover damage caused by normal wear, accidents, abuse or failure to provide proper care and maintenance.

SPECIFICATIONS

Model Number: 043321
Tank Dimensions: 7.2″ x 6″ x 3″ (2.1 Qt.)
Maximum Part(s) Weight: 2 pounds
Timer Settings: 1-30 Minutes
Power Supply: AC 220-240V 50Hz
Power: 160W Total
Frequency: 35000 Hz

IMPORTANT SAFETY FUNCTIONS

WARNING - Before operating the unit, please carefully read and understand this document.

1.) Only use Hornady approved cleaners such as One Shot® Sonic Clean™ Brass Solution or One Shot® Sonic Clean™ Gun Solution.
2.) Leave the machine unplugged until you are ready to clean parts and have read these instructions.
3.) Unit must be unplugged when filling or emptying tank.
4.) Do not overfill tank.
5.) Do not place hands in unit while unit is running.
6.) Do not plug in or unplug unit with wet hands.
7.) Do not immerse unit in water.
8.) Do not place cases or other objects directly on the bottom of the tank. ALWAYS use the basket.
9.) Do not operate unit if power cord is damaged, the unit has been submerged in water, or appears damaged.
10.) Do not leave plugged in and/or unattended.
11.) Do not operate unit without solution in tank.
12.) Do not operate the unit for longer than 30 minutes without allowing the unit to cool for at least 5 minutes.
13.) Do not put easily discolored items into tank such as clothing, leathers, wood etc.
14.) Do not put electrical devices into unit that are not waterproof.
15.) Do not clean eyewear frames or artwork made from shell or hawksbill.
16.) Use extreme caution when cleaning aluminum parts in the unit This unit may damage low grade and/or thin aluminum.
17.) Do not leave cleaning solution in tank for an extended period of time.
18.) Keep unit away from direct heat sources.
19.) Store unit in a dry, flat place.

NOTE: The Lock-N-Load® Sonic Cleaner™ may appear to be off or can not be turned off when it is subjected to electrical power surges. If this happens, simply unplug the unit, wait a few seconds and plug it back in. This will reset everything and the cleaner will resume normal operation.

Optional Hornady Products designed to complement the Lock-N-Load Sonic Cleaner 2L:

One Shot Solutions

ONE SHOT® SONIC CLEAN™ CARTRIDGE CASE FORMULA

Non-toxic and uniquely formulated to clean brass cases, this 40:1 concentrated cleaner quickly removes most tarnish, oxidation and carbon buildup. Designed specifically for the Hornady® Lock-N-Load® Sonic Cleaners.™ 32 fl oz.

Item No. 043355

ONE SHOT® SONIC CLEAN™ GUN PARTS FORMULA

Cleans all gun parts and is safe for all firearms finishes. This 40:1 concentrated cleaner quickly removes carbon, dirt, grease and powder residue. Designed specifically for the Hornady® Lock-N-Load® Sonic Cleaners.™ 32 fl oz.

Item No. 043360

Extra Baskets

LOCK-N-LOAD® 2 LITER SONIC CLEANER™ BASKET

Purchase extra baskets for ease in cleaning gun parts, different caliber brass or other cleaning projects.

Item No. 150206

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